

Fig.1

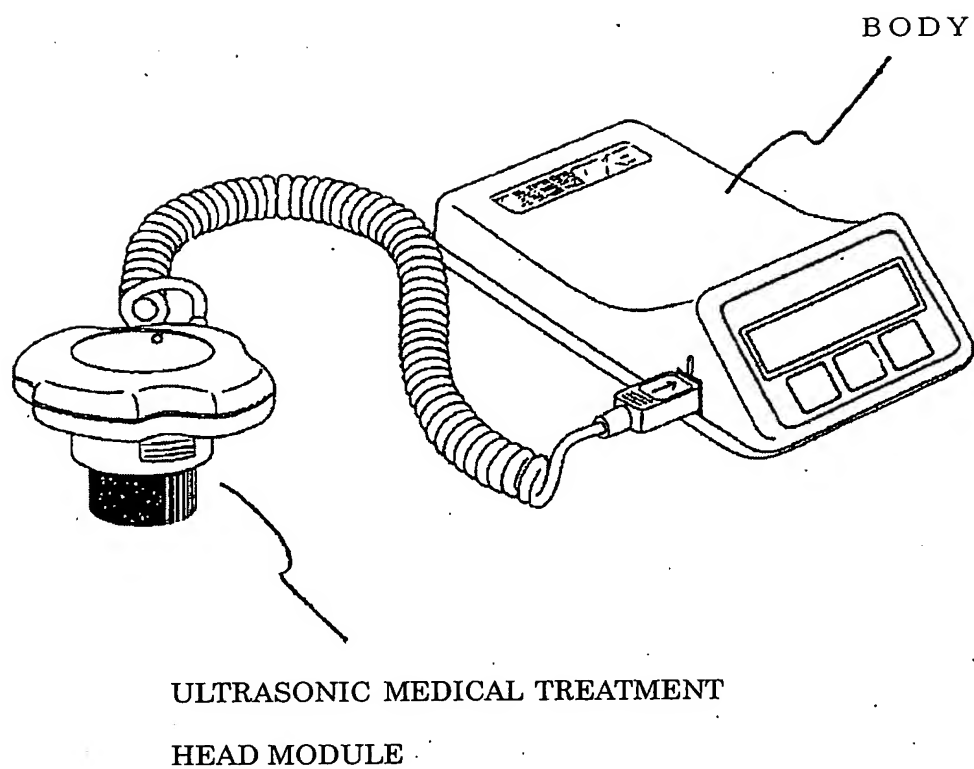


FIG. 2

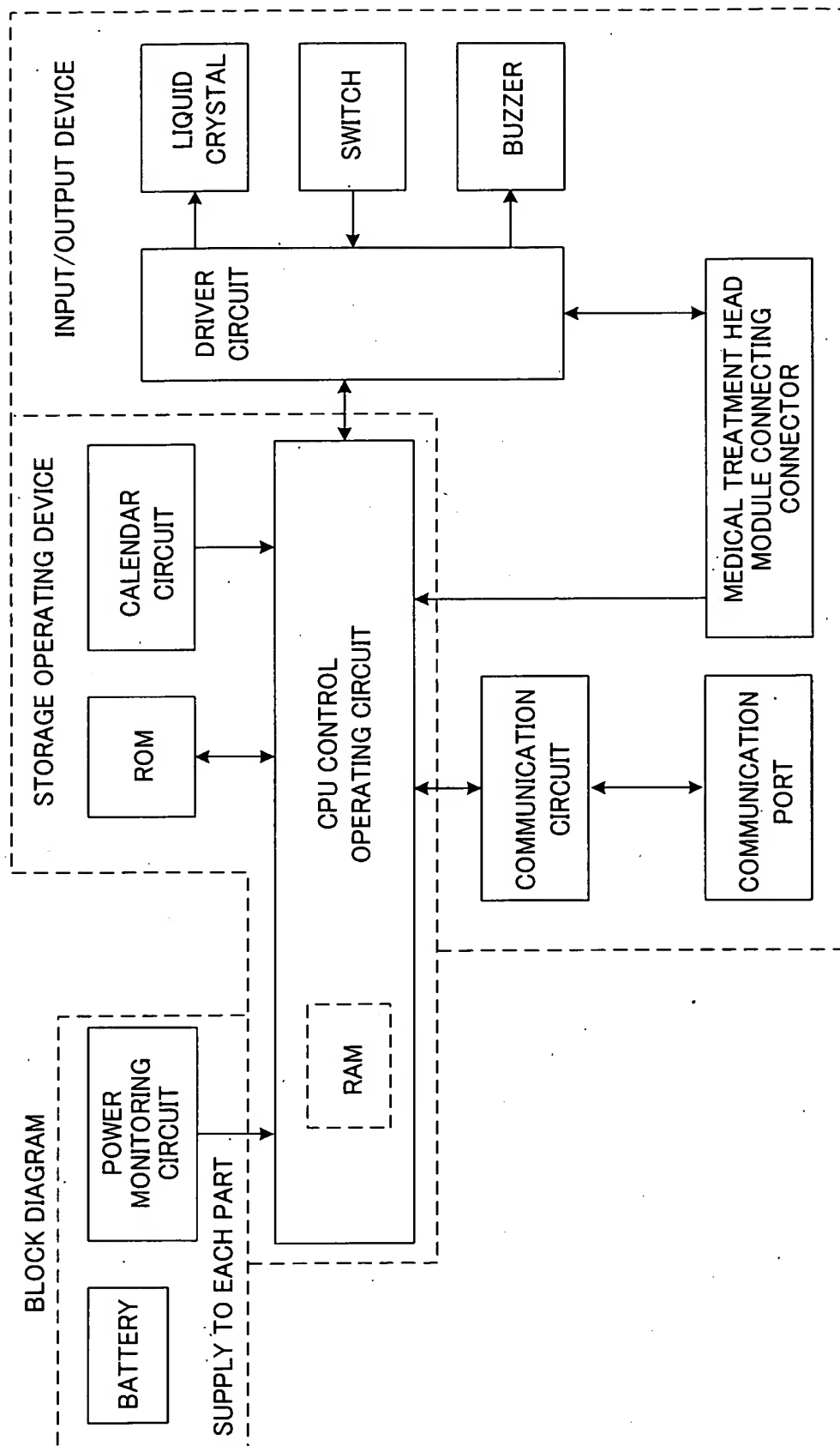


FIG. 3

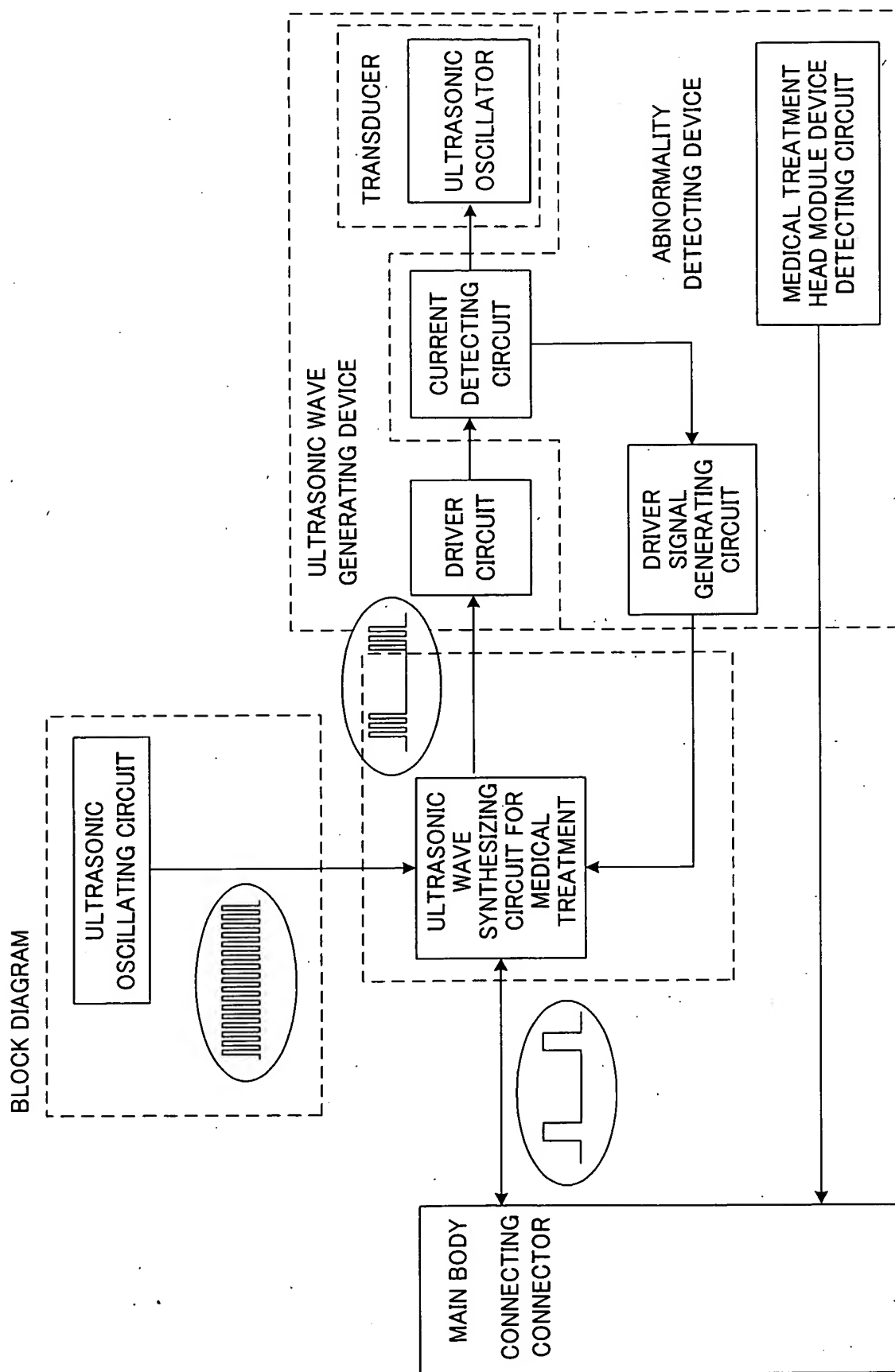
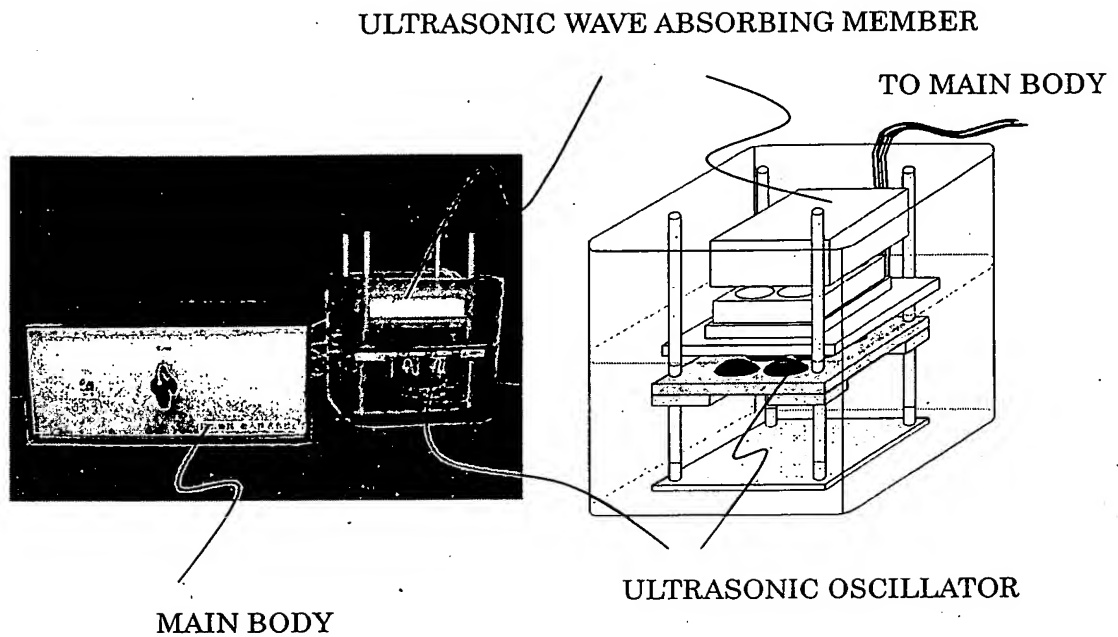


Fig. 4



< OUTLOOK DIAGRAM OF
EXPERIMENT DEVICE >

< ULTRASONIC FRAME DIAGRAM >

Fig. 5

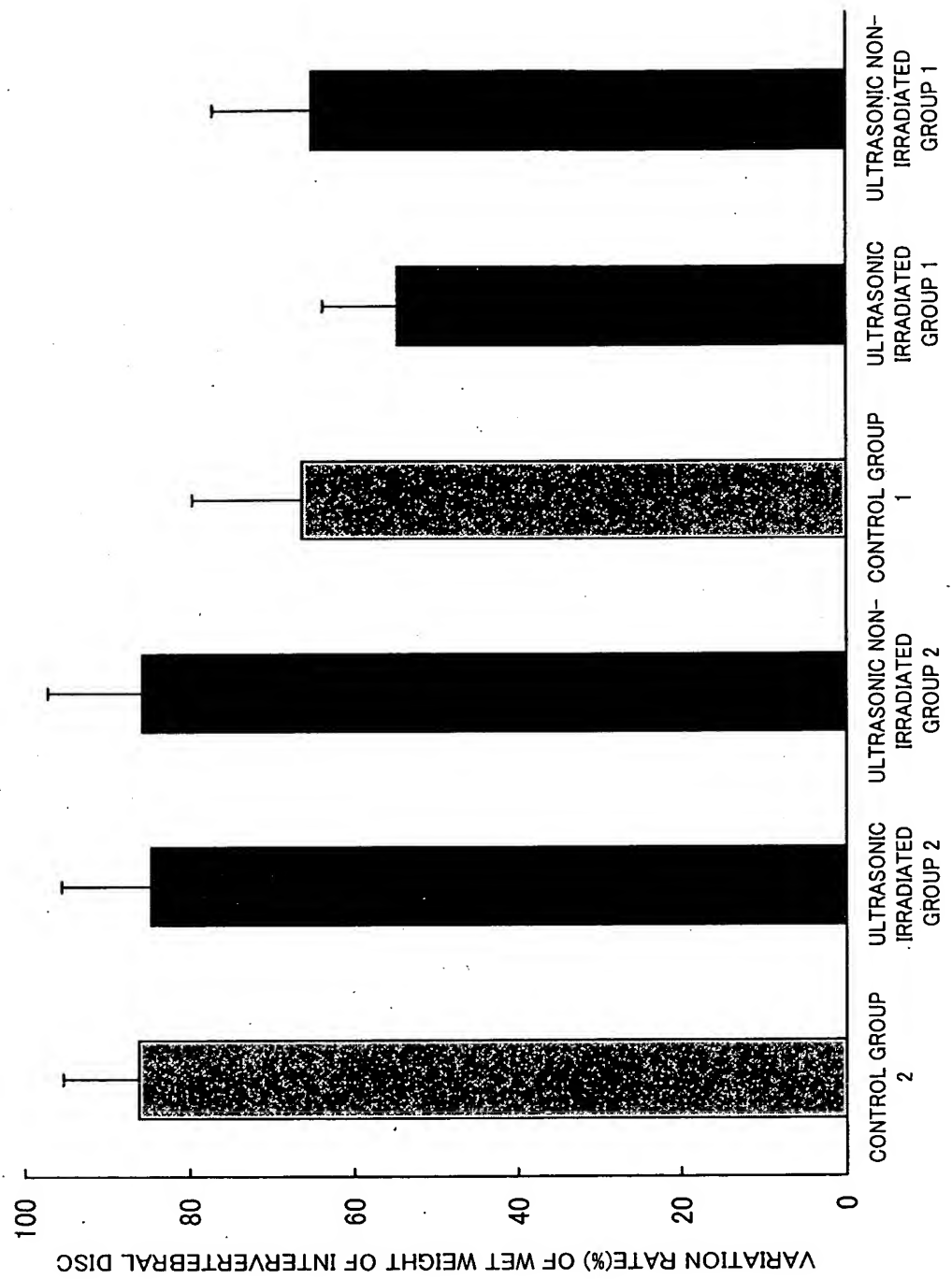
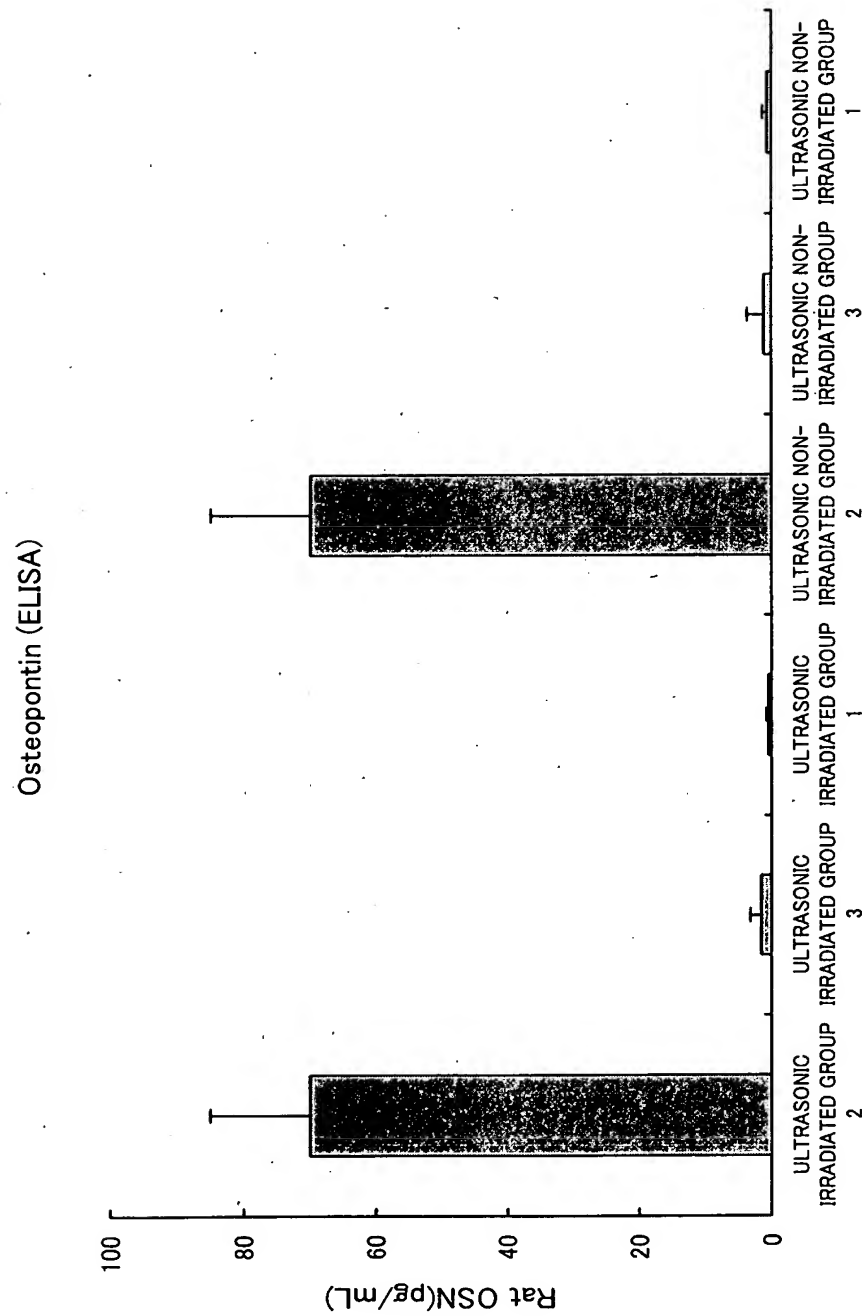


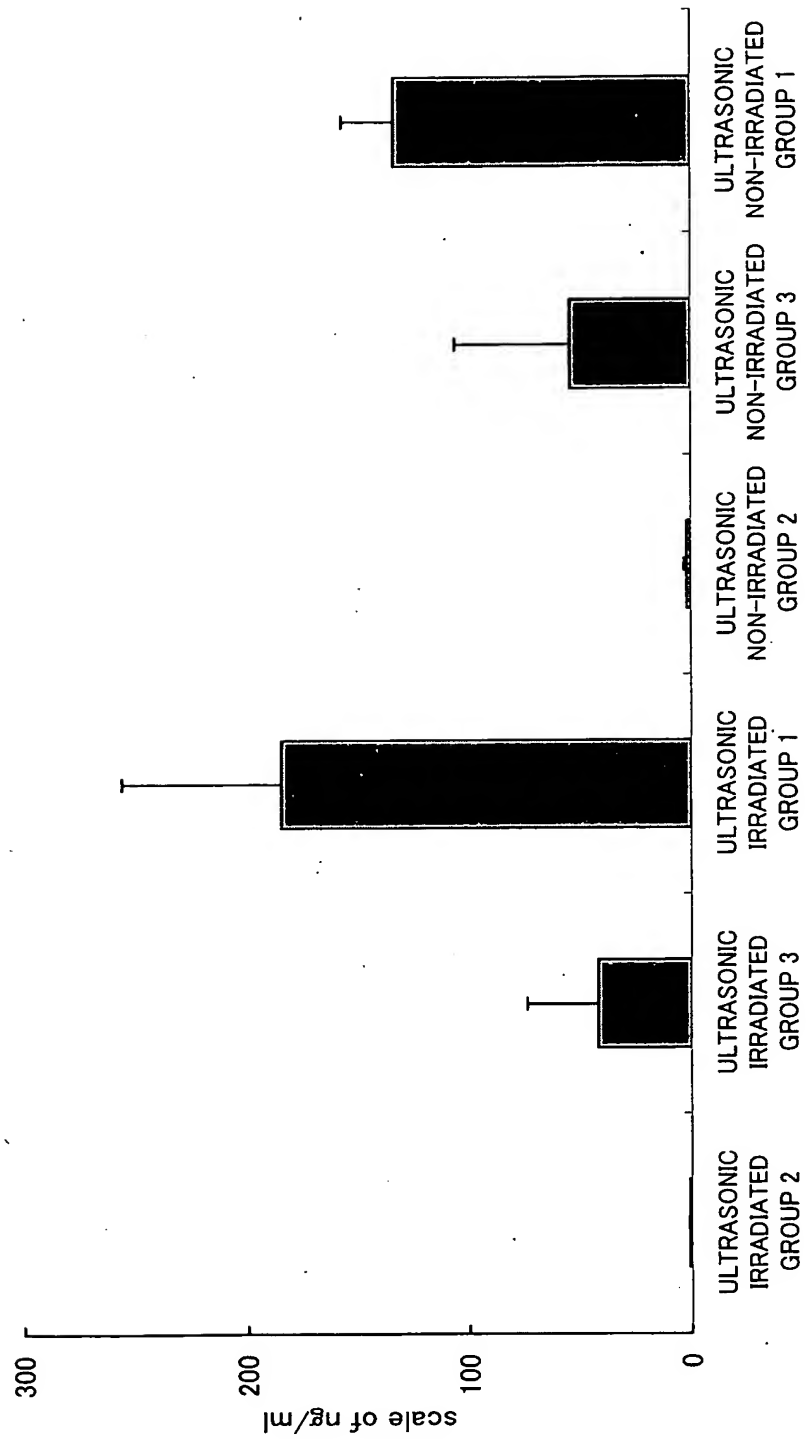
Fig. 6



(n=5~10, paired-t VERIFICATION; * < 0.05)

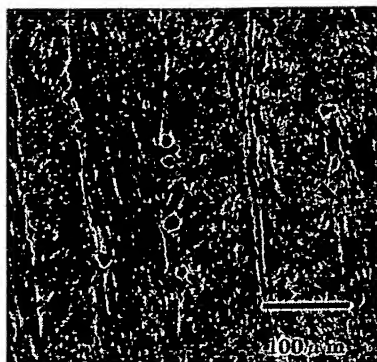
Fig. 7

MCP-1

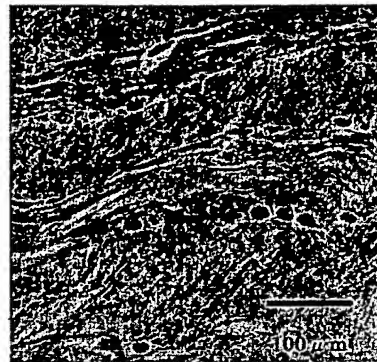


(n=5~10, paired-t VERIFICATION; **<0.01)

Fig. 8

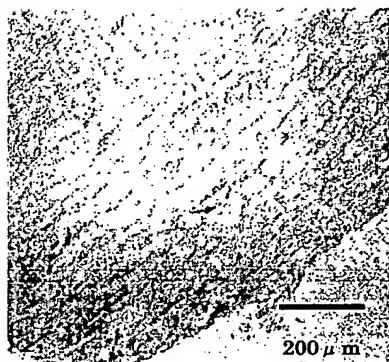


ULTRASONIC IRRADIATED
GROUP 1

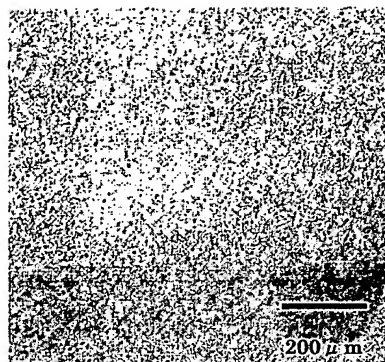


ULTRASONIC NON-IRRADIATED
GROUP 1

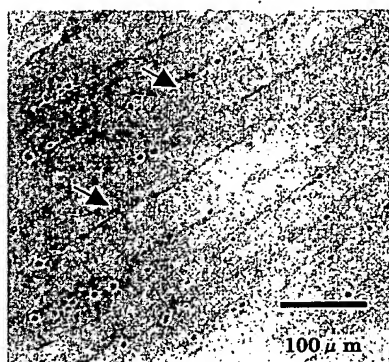
Fig. 9



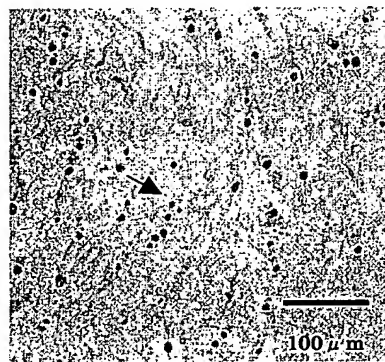
ULTRASONIC IRRADIATED
GROUP 1



ULTRASONIC NON-IRRADIATED
GROUP 1



ULTRASONIC IRRADIATED
GROUP 1



ULTRASONIC NON-IRRADIATED
GROUP 1

Fig.10

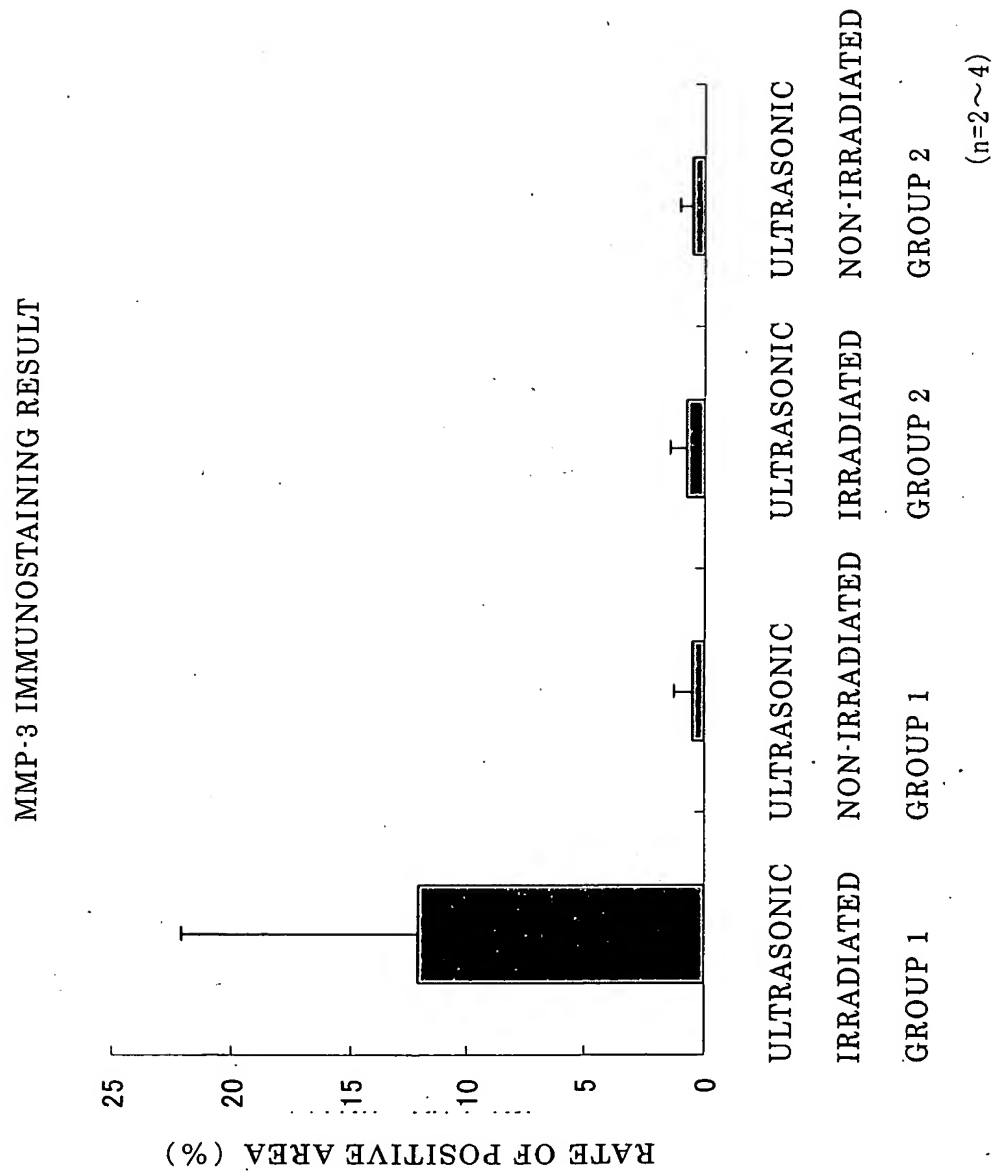
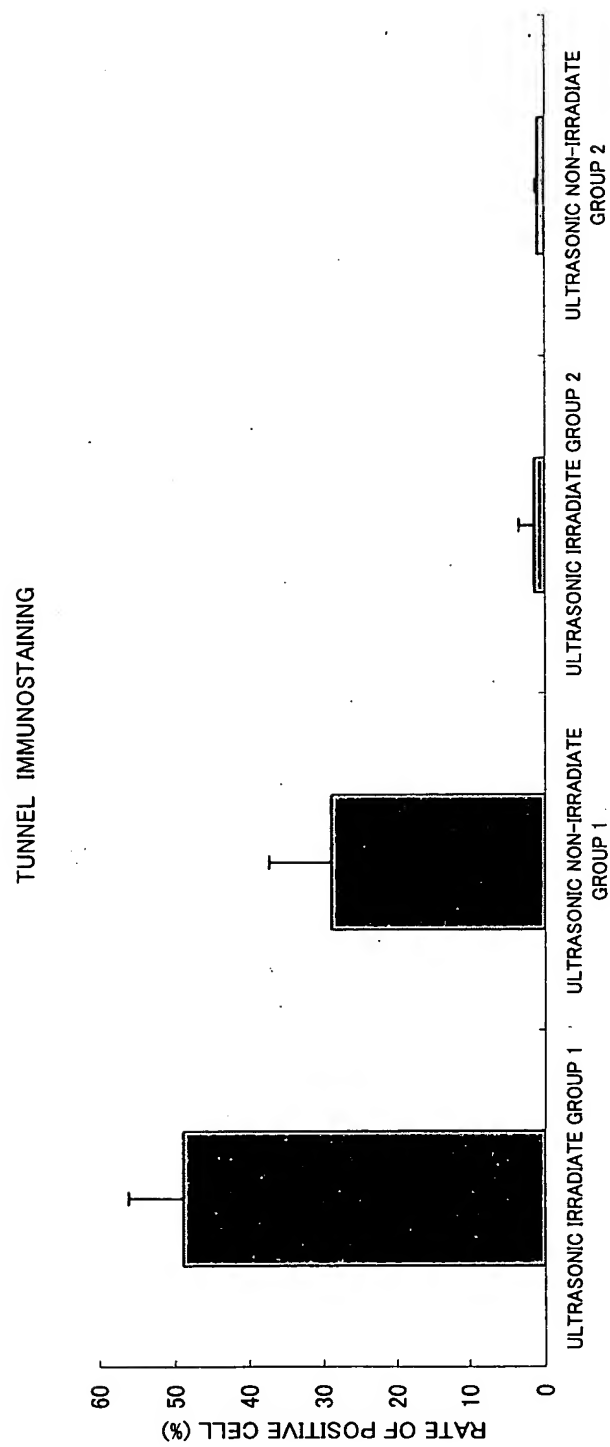


Fig. 11



(n=2~4)